

STN Search Summary
09/957483

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FILE 'CAPLUS' ENTERED AT 17:55:12 ON 15 DEC 2004

L1 731 S EPOTHILONE
L2 95 S L1 AND (EXTRACT? OR PURIF? OR CRYSTAL? OR RECRYSTAL? OR ISOLA
L3 60 S L1 AND (EXTRACT? OR PURIF? OR CRYSTAL? OR RECRYSTAL?)
L4 35 S L1 AND CRYSTAL?
L5 23 S L4 AND PD<2003
L6 2 S L5 AND WATER
L7 4 S L2 AND WATER
L8 2 S L7 NOT L6
L9 21 S L5 NOT L6

L6 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:995507 CAPLUS

TI Method for separating and purifying epothilone from the ferment
liquor of Myxobacteria

IN Hu, Wei; Li, Yuezhong; Liu, Xinli; Han, Guanjun

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1369484	A	20020918	CN 2002-110067	20020207 <--
PRAI	CN 2002-110067		20020207		

L6 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:144255 CAPLUS

TI Large-Scale Isolation and Crystallization of Epothilone
D From Myxococcus xanthus Cultures

AU Arslanian, Robert L.; Parker, Charles D.; Wang, Peter K.; McIntire, James
R.; Lau, Janice; Starks, Courtney; Licari, Peter J.

SO Journal of Natural Products (2002), 65(4), 570-572

L8 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:113397 CAPLUS

TI Process for the preparation of epothilone analogs

IN Li, Wen Sen; Thornton, John E.; Guo, Zhenrong; Swaminathan, Shankar
PATENT NO. KIND DATE APPLICATION NO. DATE

PI	US 6518421	B1	20030211	US 2001-775361	20010201
	US 2003004338	A1	20030102	US 2001-946721	20010905
	WO 2002060904	A2	20020808	WO 2002-US1853	20020122
	WO 2002060904	A3	20030227		
PRAI	US 2000-528526	A2	20000320		
	US 2001-775361	A2	20010201		
	US 2001-946721	A	20010905		
OS	CASREACT 138:153369; MARPAT 138:153369				

L8 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:540805 CAPLUS

TI Prediction of the binding site of Paclitaxel, Epothilone, and
Discodermolide on by docking studies.

AU Bhonsle, Jayendra B.; Avery, Mitchell A.

CS Department of Medicinal Chemistry, School of Pharmacy, University of
Mississippi, University, MS, 38677, USA

SO Book of Abstracts, 218th ACS National Meeting, New Orleans, Aug. 22-26
(1999), COMP-094 Publisher: American Chemical Society, Washington, D. C.

L9 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2002:314889 CAPLUS
 DN 136:340534
 TI Method for the production of asymmetrically substituted acyloins and derivatives and for the production of epothilones B, D and their derivatives
 IN Wessjohann, Ludger A.; Scheid, Guenther; Bornscheuer, Uwe; Henke, Erik; Kuit, Wouter; Orru, Romano
 PA Morphochem A.-G., Germany
 SO PCT Int. Appl., 182 pp.
 CODEN: PIXXD2
 DT Patent
 LA German

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002032844	A2	20020425	WO 2001-EP11992	20011016 <--
	WO 2002032844	C1	20030821		
	DE 10051136	A1	20020418	DE 2000-10051136	20001016 <--
	DE 10134172	A1	20030123	DE 2001-10134172	20010713
	AU 2002021693	A5	20020429	AU 2002-21693	20011016 <--
	EP 1358144	A1	20031105	EP 2001-987736	20011016
	US 2004082651	A1	20040429	US 2003-414510	20030415
PRAI	DE 2000-10051136	A	20001016		
	DE 2001-10134172	A	20010713		
	WO 2001-EP11992	W	20011016		
OS	CASREACT 136:340534; MARPAT		136:340534		

L9 ANSWER 5 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2002:142714 CAPLUS

DN 136:200048
 TI Preparation of polymorphs of an epothilone analog and their use as antitumor agents
 IN Dimarco, John D.; Gougoutas, Jack Z.; Vitez, Imre M.; Davidovich, Martha; Galella, Michael; Malloy, Timothy M.; Guo, Zhenrong; Favreau, Denis
 PA Bristol-Myers Squibb Company, USA
 SO PCT Int. Appl., 36 pp.
 CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002014323	A2	20020221	WO 2001-US24540	20010801 <--
	WO 2002014323	A3	20020502		
	CA 2418109	AA	20020221	CA 2001-2418109	20010801 <--
	AU 2001081082	A5	20020225	AU 2001-81082	20010801 <--
	EP 1309597	A2	20030514	EP 2001-959536	20010801
	SI 21100	C	20030630	SI 2001-20055	20010801
	BR 2001013234	A	20040225	BR 2001-13234	20010801
	JP 2004506638	T2	20040304	JP 2002-519462	20010801
	US 2002188014	A1	20021212	US 2001-925112	20010809 <--
	US 6689802	B2	20040210		
	BG 107467	A	20030930	BG 2003-107467	20030116
	NO 2003000707	A	20030415	NO 2003-707	20030214
	LT 5138	B	20040625	LT 2003-17	20030225
	HR 2003000190	A1	20030430	HR 2003-190	20030314

US 2004157897 A1 20040812 US 2004-773819 20040206
 PRAI US 2000-225590P P 20000816
 WO 2001-US24540 W 20010801
 US 2001-925112 A1 20010809

L9 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2002:11427 CAPLUS
 TI Alkyne metathesis: development of a novel molybdenum-based catalyst system and its application to the total synthesis of epothilone A and C
 AU Furstner, Alois; Mathes, Christian; Lehmann, Christian W.
 SO Chemistry--A European Journal (2001), 7(24), 5299-5317

L9 ANSWER 7 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2001:816957 CAPLUS
 TI Production of polyketides
 IN Arslanian, Robert L.; Ashley, Gary; Frykman, Scott; Julien, Bryan; Katz, Leonard; Khosla, Chaitan; Lau, Janice; Licardi, Peter J.; Regentin, Rika; Santi, Daniel; Tang, Li

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001083800	A2	20011108	WO 2001-US13793	20010426 <--
WO 2001083800	C1	20030103		
WO 2001083800	A3	20030410		
WO 2001083800	C2	20030912		
US 6410301	B1	20020625	US 2000-560367	20000428 <--
US 2002156110	A1	20021024	US 2001-825876	20010403 <--
US 6589968	B2	20030708		
US 6489314	B2	20021203	US 2001-825856	20010403 <--
US 2002193361	A1	20021219		
CA 2404938	AA	20011108	CA 2001-2404938	20010426 <--
AU 2001095195	A5	20011112	AU 2001-95195	20010426 <--
EP 1320611	A2	20030625	EP 2001-973782	20010426
JP 2004508810	T2	20040325	JP 2001-580407	20010426
US 2003073205	A1	20030417	US 2001-957483	20010919
PRAI US 2000-560367	A	20000428		
US 2000-232696P	P	20000914		
US 2000-257517P	P	20001221		
US 2001-269020P	P	20010213		
US 2001-825856	A	20010403		
US 2001-825876	A	20010403		
US 1998-109401P	P	19981120		
US 1999-119386P	P	19990210		
US 1999-122620P	P	19990303		
US 1999-130560P	P	19990422		
US 1999-443501	A2	19991119		
WO 1999-US27438	A2	19991119		
WO 2001-US13793	W	20010426		
OS MARPAT 135:343416				
L9 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN				
AN 2001:402025 CAPLUS				
TI The 12,13-diol cyclization approach for a truly stereocontrolled total synthesis of epothilone B and the synthesis of a conformationally restrained analog				
AU Martin, Harry J.; Pojarliev, Peter; Kahlig, Hanspeter; Mulzer, Johann				
SO Chemistry--A European Journal (2001), 7(10), 2261-2271				

L9 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2000:597944 CAPLUS
TI A Novel Application of a Pd(0)-Catalyzed Nucleophilic Substitution
Reaction to the Regio- and Stereoselective Synthesis of Lactam Analogues
of the Epothilone Natural Products
AU Borzilleri, Robert M.; Zheng, Xiaoping; Schmidt, Robert J.; Johnson, James
A.; Kim, Soong-Hoon; DiMarco, John D.; Fairchild, Craig R.; Gougoutas,
Jack Z.; Lee, Francis Y. F.; Long, Byron H.; Vite, Gregory D.
SO Journal of the American Chemical Society (2000), 122(37), 8890-8897

L9 ANSWER 12 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2000:316343 CAPLUS
TI The Olefin Metathesis Approach to Epothilone A and Its Analogs
AU Nicolaou, K. C.; He, Y.; Vourloumis, D.; Vallberg, H.; Roschangar, F.;
Sarabia, F.; Ninkovic, S.; Yang, Z.; Trujillo, J. I.
SO Journal of the American Chemical Society (1997), 119(34),
7960-7973

L9 ANSWER 13 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2000:273850 CAPLUS
TI Synthesis, Structure Proof, and Biological Activity of Epothilone
Cyclopropanes
AU Johnson, James; Kim, Soong-Hoon; Bifano, Marc; DiMarco, John; Fairchild,
Craig; Gougoutas, Jack; Lee, Francis; Long, Byron; Tokarski, John; Vite,
Gregory
SO Organic Letters (2000), 2(11), 1537-1540

L9 ANSWER 18 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1997:528752 CAPLUS
TI The Olefin Metathesis Approach to Epothilone A and Its Analogs
AU Nicolaou, K. C.; He, Y.; Vourloumis, D.; Vallberg, H.; Roschangar, F.;
Sarabia, F.; S.Ninkovic; Yang, Z.; Trujillo, J. I.
SO Journal of the American Chemical Society (1997), 119(34), 7960-7973

L9 ANSWER 19 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1997:330310 CAPLUS
TI Synthesis of epothilones A and B in solid and solution phase
AU Nicolaou, K. C.; Winssinger, N.; Pastor, J.; Ninkovic, S.; Sarabia, F.;
He, Y.; Vourloumis, D.; Yang, Z.; Li, T.; Giannakakou, P.; Hamel, E.
SO Nature (London) (1997), 387(6630), 268-272

L9 ANSWER 20 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1997:149897 CAPLUS
TI Synthesis of the C1-C9 segment of epothilons
AU Claus, Eckhard; Pahl, Axel; Jones, Peter G.; Meyer, Hartmut M.; Kalesse,
Markus
SO Tetrahedron Letters (1997), 38(8), 1359-1362

L9 ANSWER 21 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1996:473443 CAPLUS
TI Antibiotics from gliding bacteria. 77. Epothilone A and B -
novel 16-membered macrolides with cytotoxic activity: isolation,
crystal structure, and conformation in solution
AU Hoefle, Gerhard; Bedorf, Norbert; Steinmetz, Heinrich; Schomburg, Dietmar;
Gerth, Klaus; Reichenbach, Hans
SO Angewandte Chemie, International Edition in English (1996),
35(13/14), 1567-1569

STN Search Summary
09/957483

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FILE 'REGISTRY' ENTERED AT 16:19:43 ON 15 DEC 2004
L6 1 S (METHYL OLEATE)/CN
FILE 'CAPLUS' ENTERED AT 16:21:17 ON 15 DEC 2004
L7 3317 S L6
L8 3 S L7 AND (EPOTHILONE OR XANTHUS)

L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:174509 CAPLUS
TI Preparation of epothilone derivatives for treatment of diseases or conditions characterized by cellular hyperproliferation, such as cancer
IN Ashley, Gary; Arslanian, Robert L.; Carney, John; Metcalf, Brian; Tang, Li
PATENT NO. KIND DATE APPLICATION NO. DATE

PI US 2003045711 A1 20030306 US 2002-115198 20020402
US 2002156110 A1 20021024 US 2001-825876 20010403
US 6589968 B2 20030708
US 6489314 B2 20021203 US 2001-825856 20010403
US 2002193361 A1 20021219
PRAI US 2001-269020P P 20010213
US 2001-825856 A2 20010403
US 2001-825876 A2 20010403
OS MARPAT 138:221394

L8 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:370405 CAPLUS
TI Optimizing the heterologous production of epothilone D in Myxococcus xanthus
AU Lau, Janice; Frykman, Scott; Regentin, Rika; Ou, Sally; Tsuruta, Hiroko; Licari, Peter
SO Biotechnology and Bioengineering (2002), 78(3), 280-288

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:816957 CAPLUS
TI Production of polyketides
IN Arslanian, Robert L.; Ashley, Gary; Frykman, Scott; Julien, Bryan; Katz, Leonard; Khosla, Chaitan; Lau, Janice; Licardi, Peter J.; Regentin, Rika; Santi, Daniel; Tang, Li
PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 2001083800 A2 20011108 WO 2001-US13793 20010426
WO 2001083800 C1 20030103
WO 2001083800 A3 20030410
WO 2001083800 C2 20030912
US 6410301 B1 20020625 US 2000-560367 20000428
US 2002156110 A1 20021024 US 2001-825876 20010403
US 6589968 B2 20030708
US 6489314 B2 20021203 US 2001-825856 20010403
US 2002193361 A1 20021219
CA 2404938 AA 20011108 CA 2001-2404938 20010426
AU 2001095195 A5 20011112 AU 2001-95195 20010426
EP 1320611 A2 20030625 EP 2001-973782 20010426
JP 2004508810 T2 20040325 JP 2001-580407 20010426
US 2003073205 A1 20030417 US 2001-957483 20010919

WEST Search History

DATE: Wednesday, December 15, 2004

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<input type="checkbox"/>	L20	L19 same (water or h2o)	29
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END OF SEARCH HISTORY

WEST Search History

DATE: Wednesday, December 15, 2004

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<input type="checkbox"/>	L13	methyl adj oleate	2707

END OF SEARCH HISTORY